PATENT COOPERATION TREATY

INTERNATIONAL SEARCHING AUTH	ORITY	•						
To: SANFORD T. COLB SANFORD T. COLB & CO. P.O. BOX 2273		PCT						
REHOVOT, ISRAEL 76122		WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY						
		(PCT Rule 43bis.1)						
		Date of mailing (day/month/year) 16 FFR 2007						
Applicant's or agent's file reference		FOR FURTHER ACTION See paragraph 2 below						
51617								
International application No.	International filing date ((day/month/year)	Priority date (day/month/year)					
PCT/IL05/00256	03 March 2005 (03.03.20		04 March 2004 (04.03.2004)					
International Patent Classification (IPC)		on and IPC						
IPC: H04Q 7/20 (2007.01),7/22(200 USPC: 370/338,349,466;455/432.3,43:	•							
Applicant								
OUTSMART LTD.								
1. This opinion contains indications rela	ating to the following item:	s:						
Box No. I Basis of the	Box No. I Basis of the opinion							
Box No. II Priority	II Priority							
Box No. III Non-establi	x No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability							
Box No. IV Lack of unit	Lack of unity of invention							
Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement								
Box No. VI Certain doci	uments cited							
Box No. VII Certain defe	Box No. VII Certain defects in the international application							
Box No. VIII Certain obse	ervations on the internation	al application						
2. FURTHER ACTION								
International Preliminary Examining	g Authority ("IPEA") exc he IPEA and the chosen II	cept that this does PEA has notified the	be considered to be a written opinion of the not apply where the applicant chooses an ne International Bureau under Rule 66.1 bis(b) ered.					
IPEA a written reply together, where of Form PCT/ISA/220 or before the e	appropriate, with amendme appropriate, with amendme appropriation of 22 months from	nents, before the ex	PEA, the applicant is invited to submit to the piration of 3 months from the date of mailing whichever expires later.					
For further options, see Form PCT/ISA/220.								
3. For further details, see notes to Form	PCT/ISA/220.							
Name and mailing address of the ISA/US	Date of complete	on of this opinion	Authorized officer 1 2 2 2 1					
Mail Stop PCT, Attn: ISA/US Commissioner for Patents	03 November 20		Authorized officer Patrice Winder Medialle R. Sin					
P.O. Box 1450								
Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201 Telephone No. 703-305-3900								

Form PCT/ISA/237 (cover sheet) (April 2005)

International application No.
PCT/IL05/00256

Box N	o. I Basis of this opinion
1. With	regard to the language, this opinion has been established on the basis of:
\boxtimes	the international application in the language in which it was filed
	a translation of the international application into, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).
	regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed ation, this opinion has been established on the basis of:
a.	type of material
	a sequence listing
	table(s) related to the sequence listing
b .	format of material
	on paper
	in electronic form
c.	time of filing/furnishing
	contained in the international application as filed.
	filed together with the international application in electronic form.
	furnished subsequently to this Authority for the purposes of search.
3. 🗌	In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additi	ional comments:
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International application No.
PCT/IL05/00256

Inventive step (IS) Claims NONE Y Claims 1-28 Industrial applicability (IA) Claims 1-28 Claims NONE Y Claims NONE Y Claims NONE NONE Tations and explanations: 1-28 the criteria set out in PCT Article 33(4), and thus promotes industrial applicability because the subject matter claimed	Statement	•	
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Form PCT/ISA/237 (Box No. V) (April 2005)

International application No. PCT/IL05/00256

Supplemental I	Day						
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••	• 10		•	** ** **			
Claims 1-28 lack referred to as Mir Regarding claims a packet network a telephone netwa a convergence poswitching center connect telephone (paragraph 30). Iterminals. Howelines 12-19). The Regarding dependence of the phone netwook regarding dependence of the phone network regarding	k and Explanations k an inventive step ukherjee) in view of 1, Mukherjee taught interface, for coupled be rocessor, coupled be (MSC) and a visito he calls, using assign Mukherjee does not ever, Wang taught as a motivation to complete the comprises a cellulate the second telepho	Inder PCT Article 3. If Wang et al., USPN int a ommunication a ling to a packet switten packet not be tween the packet need telephone numb specifically teach assigning telephone numb bine Mukherjee and herjee taught the packet all ar telephone network taught the convergent network, wherein the telephone is the twork, wherein the two the telephone network to the twork to the telephone network to the twork to the telephone network to the teleph	6,603,761 B1 (pparatus, completed in a packet reaction a packet reaction a circuit-switch at circuit-switch at circuit-switch and telephones, between telephones in the circumbers in the circu	Thereafter referrations: network (paragraded telephone network) cuit-switched telephones in the numbers in ircuit-switched ave been to promprises an Interpolation adapted to assume number belower be	ed to as Wang) aph 30); etwork (paragrap interfaces and ad lephone network circuit switched i the circuit-switch telephone netwo vide call forward met Protocol (IP) sign different, fir	h 30); and apted to emulat in the packet network and the ned telephone ning for roaming network, and vertelephone network and telephone network and telephone network and telephone network and the tele	e a mobile etwork and to e user terminals etwork to user inals (column 6, g callers. wherein the elephone numbers work (column 3,
Regarding deper	ndent claim 4, Wang untry code, while th	taught the converge	ence processor	is adapted to as	sign to the user to	erminals telepho	one numbers

Regarding dependent claim 5, Wang the packet network interface comprises a session border controller, which is operative to perform

convergence processor to the packet network arid telephone network interfaces regarding handling of the telephone calls to and from the

network interfaces by transmitting and receiving at least one of H.323 or SIP for telephones (SIP-T) packets (paragraph 35). Substituting

Regarding dependent claim 7, Mukherjee taught the apparatus according to claim 1, and comprising a softswitch, which is coupled between the packet network and telephone network interfaces and the convergence processor so as to convey instructions from the

Regarding dependent claim 8, Mukherjee taught the softswitch is adapted to communicate with the packet network and telephone

Regarding dependent claim 6, Mukherjee taught the telephone network interface comprises a media gateway (paragraph 23).

SIP for H.323 would been an equivalent substitution because both are signaling protocols for IP networks.

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user terminals (paragraph 28-29).

Network Address Translation (NAT) (column 8, lines 44-51).

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Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Regarding dependent claim 9, Mukjherjee taught the convergence processor is adapted to receive registration requests from the user terminals and, in response to the registration requests, to register the user terminals in a home location register (HLR) in the telephone network (paragraph 33).

Regarding dependent claim 10, Mukherjee taught the convergence processor is adapted to communicate with the HLR in order to determine respective service profiles applicable to the user terminals (emulate wireless infrastructure, paragraph 30). Regarding dependent claim 11, Mukherjee taught the convergence processor is adapted, responsively to the service profile, to invoke an Intelligent Network (IN) service in the telephone network that is to be applied to a call (emulate wireless infrastructure, paragraph 30). Regarding dependent claim 12, the convergence processor is adapted to determine the respective service profiles initially upon registration of the user terminals and to update one or more of the service profiles thereafter while the user terminals are in operation. Regarding dependent claim 13, Mukherjee taught the convergence processor is adapted to receive from the packet network interface an indication of a request from one of the user terminals to set up a call, and responsively to the indication, to cause the telephone network interface to route the call to a telephone number in the telephone network in accordance with an applicable service profile (paragraphs 28-29).

Regarding dependent claim 14, Mukherjee taught the convergence processor is adapted to receive a request from the HLR for routing information with respect to a call placed from the telephone network to a telephone number that is assigned to a user terminal having a network address in the packet network and, responsively to the request, to cause the packet network interface to route the call to the network address of the user terminal (paragraphs 28-29).

Regarding dependent claim 15, Mukherjee taught the convergence processor is adapted to communicate with the HLR using a Mobile Application Protocol (MAP) (paragraph 28).

The language of claims 16-28 is substantially the same as claims 1-15. Therefore, claims 1-15 lack an inventive step for substantially the same reasons as claims 1-15, above.